



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
David M. Haugen

Serial No.: 10/625,840

Confirmation No.: 8946

Filed: July 23, 2003

For: Apparatus And Methods For  
Tubular Makeup Interlock

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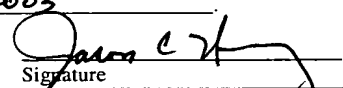
Group Art Unit: 3672

Examiner: Unknown

Customer No.: 36,735

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313- 1450 on <u>DEC 4, 2003</u>	
Jason C. Huang	
Typed Name	Signature

INFORMATION DISCLOSURE STATEMENT

The Applicant, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

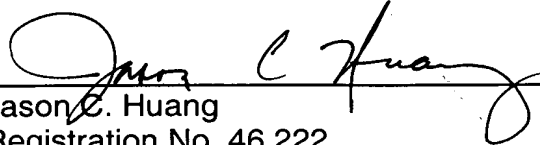
While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0116.C1/JCH.

Respectfully submitted,

  
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Attorney for Applicant

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. WEAT/0116.C1	Serial No. 10/625,840
<b>LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT</b>		Applicant David M. Haugen	Confirmation No.: 8946
(Use several sheets if necessary)		Filing Date July 23, 2003	Group 3672
Examiner Unknown			

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,431,626	03-13-2002	Bouligny	294	86.25	
	A2	6,412,554	07-02-2002	Allen et al.	166	80.1	
	A3	6,360,633	03-26-2002	Pietras	81	57.34	
	A4	6,349,764	02-26-2002	Adams et al.	166	77.53	
	A5	6,311,792	11-06-2001	Scott et al.	175	162	
	A6	6,309,002	10-30-2001	Bouligny	294	86.25	
	A7	6,199,641	01-13-2001	Downie et al.	173	55	
	A8	6,070,500	06-06-2000	Blask et al.	81	57.33	
	A9	6,056,060	6,000,472	Albright et al.	166	380	
	A10	6,000,472	12-14-1999	Albright et al.	166	380	
	A11	5,971,079	10-26-1999	Mullins	166	387	
	A12	5,909,768	06-08-1999	Castille et al.	166	77.1	
	A13	5,836,395	11-17-1998	Budde	166	321	

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B1	WO 00/39430	07-06-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	WO 00/39429	07-06-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B3	WO 00/11311	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B4	WO 00/11310	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B5	WO 00/11309	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
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C1	Autoseal Circulating Head; LaFleur Petroleum Services; 1992
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C2	Valves, Wellhead Equipment, Safety System; W-K-M Division, ACF Industries, 1980
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C3	Top Drive Drilling Systems, Canrig, Feb. 97 in Hart's Petroleum Engineer
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Examiner

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**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A14	5,803,191	09-08-1998	Mackintosh	175	170	
	A15	5,791,410	08-11-1998	Castille et al.	166	77.1	
	A16	5,735,348	04-07-1998	Hawkins, III	166	285	
	A17	5,645,131	07-08-1997	Trevisani	175	171	
	A18	5,584,343	12-17-1996	Coone	166	387	
	A19	5,577,566	11-26-1996	Albright et al.	175	321	
	A20	5,553,672	09-10-1996	Smith, Jr. et al.	166	382	
	A21	5,503,234	04-02-1996	Clanton	175	52	
	A22	5,501,286	03-26-1996	Berry	175	52	
	A23	5,433,279	07-18-1995	Tessari et al.	173	213	
	A24	5,388,651	02-14-1995	Berry	175	85	
	A25	5,351,767	10-04-1994	Stogner et al.	175	162	
	A26	5,297,833	03-29-1994	Willis, et al.	294	102.2	

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B6	WO 00/05483	02-03-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B7	2 357 530	06/27/2001	GB	E21B	19/07	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B8	WO 98/32948	07-30-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B9	WO 98/05844	02-2-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B10	EP 0 659 975	06-28-1995	EP	E21B	43/08	<input type="checkbox"/>	<input checked="" type="checkbox"/>

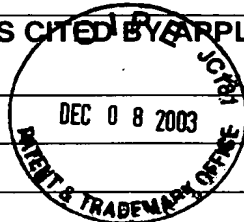
**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C4	More Portable Top Drive Installations, Tesco Drilling Technology, 1997
	C5	Portable Top Drives, Drilling Contractor, Cover & 3pp. Sept. 1994
	C6	500 or 650 HCIS TOP DRIVE, Tesco Drilling Technology, 4/98

Examiner	Date Considered
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Examiner Unknown		July 23, 2003	3672

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A27	5,282,653	02-01-1994	LaFleur et al.	285	110	
	A28	5,255,751	10-26-1993	Stogner	175	203	
	A29	5,251,709	10-12-1993	Richardson	175	220	
	A30	5,191,939	03-09-1993	Stokley	166	379	
	A31	5,036,927	08-06-1991	Willis	175	162	
	A32	5,009,265	04-23-1991	Bailey et al.	166	118	
	A33	4,997,042	03-05-1991	Jordan et al.	166	379	
	A34	4,878,546	11-07-1989	Shaw et al.	173	163	
	A35	4,867,236	09-19-1989	Haney et al.	166	77.5	
	A36	4,836,064	06-06-1989	Slator	81	57.18	
	A37	4,813,493	03-21-1989	Shaw et al.	173	164	
	A38	4,800,968	01-31-1989	Shaw et al.	175	85	
	A39	4,793,422	12-27-1988	Krasnov	175	57	

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B11	WO 96/18799	06-20-1996	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B12	WO 93/07358	04-15-1993	WIPO	E21B	37/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B13	0 525 247 A1	02-03-1993	EP	E21B	3/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B14	GB 2 224 481	09-05-1990	UK	B66C	1/56	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B15	0 171 144 A1	02-12-1986	UK	B66C	1/56	<input type="checkbox"/>	<input checked="" type="checkbox"/>

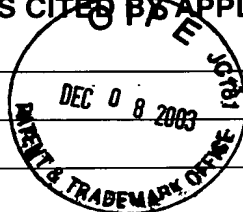
**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C7	500 or 650 ECIS TOP DRIVE, Tesco Drilling Technology, 4/98
	C8	Product information, (Sections 1-10) Canrig, 1996
	C9	

Examiner	Date Considered
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Examiner Unknown			

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A40	4,791,997	12-20-1988	Krasnov	175	57	
	A41	4,773,689	09-27-1988	Wolters	294	88	
	A42	4,765,401	08-23-1988	Boyadjieff	166	77.53	
	A43	4,742,876	05-10-1988	Barthelemy et al.	175	7	
	A44	4,762,187	08-09-1988	Haney	175	171	
	A45	4,759,239	07-26-1988	Hamilton et al.	81	57.34	
	A46	4,709,599	12-01-1987	Buck	81	57.18	
	A47	4,683,962	08-04-1987	True	173	163	
	A48	4,676,312	06-30-1987	Mosing et al.	166	77	
	A49	4,649,777	03-17-1987	Buck	81	57.19	
	A50	4,625,796	12-02-1986	Boyadjieff	166	77.5	
	A51	4,605,077	08-12-1986	Boyadjieff	175	85	
	A52	4,604,724	08-05-1986	Shaginian et al.	700	213	

**Foreign Patent Documents**

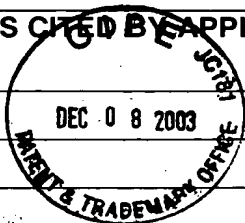
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	B16	EP 01 62000A1	11-21-1985	EP	E21B	19/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B17	WO 98/11322	09-19-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B18	0 285 386	10-05-1988	EP	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B19	WO 99/41485	08-19-1999	WIPO	E21B	19/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**OTHER ART**

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	C10	
	C11	
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	A53	4,593,773	06-10-1986	Skeie	175	85	
	A54	4,570,706	02-18-1986	Pugnet	166	77.5	
	A55	4,529,045	07-16-1985	Boyadjieff et al.	173	164	
	A56	4,494,424	01-22-1985	Bates	81	57.18	
	A57	4,449,596	05-22-1984	Boyadjieff	175	85	
	A58	4,437,363	03-20-1984	Haynes	81	57.18	
	A59	4,320,915	03-23-1982	Abbott et al.	294	96	
	A60	4,100,968	07-18-1978	Delano	166	315	
	A61	3,913,687	10-21-1975	Gyongyosi et al.	175	85	
	A62	3,857,450	12-31-1974	Guier	175	85	
	A63	3,848,684	11-19-1974	West	175	195	
	A64	3,776,991	12-04-1973	Marcus	264	89	
	A65	3,766,320	10-16-1973	Homme	179	5R	

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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**OTHER ART**

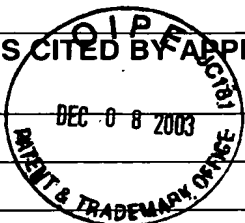
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	A66	3,747,675	07-24-1973	Brown	166	237	
	A67	3,691,825	09-19-1972	Dyer	73	136A	
	A68	3,635,105	01-18-1972	Dickmann et al.	81	57.18	
	A69	3,570,598	03-16-1971	Johnson	166	178	
	A70	3,566,505	03-02-1971	Martin	29	200	
	A71	3,380,528	04-30-1968	Timmons	166	14	
	A72	3,193,116	07-06-1965	Kennedy et al.	214	2.5	
	A73	3,041,901	07-03-1962	Knights	81	53	
	A74	1,917,135	07-04-1933	Littell	294	86.15	
	A75	2002/0134555 A1		Allen et al.	166	377	12-07-2001
	A76	2001/0042625		Appleton	166	379	07-30-2001
	A77						
	A78						

**Foreign Patent Documents**

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